

- **Moment-resistant connections** in seismic zones
- **Haunch reinforcements** at roof transitions

2. Secondary Structural Elements

- **Purlins and girts** for cladding support
- **Bracing rods** for wind load resistance
- **Base plate anchors** for foundation stability

3. Specialized Components

- **Crane runway beams** in industrial PEBs
- **Mezzanine floor supports**
- **Canopy and walkway frameworks**

Technical Specifications

Grade	Yield Strength (MPa)	Elongation (%)	Carbon Equivalent (C.E.)	Ideal For
E250	250 min	23+	â?±0.42	Light-duty PEBs
E350	345 min	22+	â?±0.45	Medium-rise buildings
E410	410 min	20+	â?±0.48	Heavy industrial PEBs

*All grades suitable for:

- **Hot-dip galvanizing** (up to 120µm coating)
- **Shot blasting** for paint adhesion

Why Engineers Specify Steelmet for PEB Projects

